

What is claimed is:

1. A wireless system, comprising: a wireless apparatus which performs a broadcast service for a plurality of wireless terminals;

simplex first wireless channels each being set between said wireless terminal and said plurality of wireless terminals for the broadcasting service; and

a bidirectional second wireless channel being set between said wireless apparatus and said plurality of wireless terminals, for adding supplemental service to said broadcast service.

2. The wireless system according to claim 1, further comprising an information synthesizer which synchronizes a time frame of information transmitted via said first and second wireless channels with each other.

3. The wireless system according to claim 1, wherein said first wireless channels transmit by encoding information; and

said second wireless channel transmits key information which encrypts information transmitted via said first wireless channel.

4. The wireless system according to claim 1, wherein an uplink of said second wireless channel transmits retransmission request information of at least portion of information transmitted via said first wireless channel; and

a downlink of said second wireless channel transmits information corresponding to said retransmission request information.

5. The wireless system according to claim 4, further comprising a charge collection control unit which charges in accordance with the amount of information

transmitted via the downlink of said second wireless channel.

6. The wireless system according to claim 1, wherein said supplemental service includes at least one of data retransmission request for error compensation, offering of information relating to said broadcast service, and decrypting information of said encrypted broadcast service.

7. A wireless system, comprising:

- a first wireless apparatus which performs a broadcast service for a plurality of wireless terminals;

- a second wireless apparatus which performs an supplemental service relating to said broadcast service;

- simplex first wireless channels each being set between said first wireless apparatus and said plurality of wireless terminals, in which said first wireless apparatus performs said broadcast service to said plurality of wireless terminals;

- a bidirectional second wireless channel set between said second wireless apparatus and at least portion of said plurality of wireless terminals, which offers said supplemental service; and

- an information synthesizer which synthesizes operations of said first and second wireless apparatuses with each other.

8. The wireless system according to claim 7, wherein said first wireless channel transmits information encrypted; and

- said second wireless channel transmits key information which decrypts information transmitted via said first wireless channel.

9. The wireless system according to claim 7, wherein

an uplink of said second wireless channels transmits retransmission request information of at least portion of information transmitted via said first wireless channel; and

a downlink of said second wireless channel transmits information corresponding to said retransmission request information.

10. The wireless system according to claim 9, further comprising a charge collection control unit which charges in accordance with the amount of information transmitted via the downlink of said second wireless channel.

11. The wireless system according to claim 7, wherein said supplemental service includes at least one of data retransmission request for error compensation, offering of information relating to said broadcast service and decryption information of said broadcast service encrypted.

12. A wireless base station, comprising:

simplex first wireless channels each being set for a plurality of wireless terminals, which perform broadcast service; and

a bidirectional second wireless channel set for at least one of said plurality of wireless terminals, which offers an supplemental service relating to said broadcast service.

13. The wireless base station according to claim 12, wherein said first wireless channel transmits information encrypted; and

said second wireless channel transmits key information which decrypts information transmitted via said first wireless channel.

14. The wireless base station according to claim 12, wherein an uplink of said second wireless channel transmits retransmission request information relating to at least portion of information transmitted via said first wireless channel; and

a downlink of said second wireless channel transmits information corresponding to said retransmission request information.

15. The wireless base station according to claim 14, further comprising a charge collection control unit which charges in accordance with the amount of information transmitted via the downlink of said second wireless channel.

16. A wireless terminal which receives offering of a broadcast service from a wireless apparatus, comprising:

a simplex first wireless channel set for said wireless apparatus, which receives a broadcast service from said wireless apparatus; and

a bidirectional second wireless channel set for said wireless apparatus, which receives an supplemental service relating to said broadcast service from said wireless apparatus.

17. The wireless terminal according to claim 16, wherein said first wireless channel transmits information encrypted; and

said second wireless channel transmits key information which encrypts information transmitted via said first wireless channel.

18. A wireless terminal, comprising:

a simplex first wireless channel set for a first wireless apparatus, which receives a broadcast service

from said first wireless apparatus; and

a bidirectional second wireless channel set for a second wireless apparatus, which receives an supplemental service relating to said bidirectional service from said second wireless apparatus.

19. The wireless terminal according to claim 18, wherein said first wireless channel transmits information encrypted; and

said second wireless channel transmits key information which decrypts information transmitted via said first wireless channel.

20. A wireless communication method, comprising:

performing a broadcast service from a wireless apparatus to a plurality of wireless terminals, by using simplex first wireless channels each being set between said wireless apparatus which performs the broadcast service for said plurality of wireless terminals and each of said plurality of wireless terminals; and

offering an supplemental service relating to said broadcast service by using a bidirectional wireless channel set between said wireless apparatus and at least one of said plurality of wireless terminals.